



FORM PTO-1449 U.S. Department of  
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

ATTY. DOCKET NO.

500.40274X00

SERIAL NO.

09/884,091

APPLICANT

T. AKIYAMA, et al

FILING DATE

June 20, 2001

GROUP

2637

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT
						YES NO
BD	2 1 4 8 6 7 6	5/01	Japan			XX
	0		TMCC			
BD	1 0 3 3 6 1 4 1	12/98	Japan			XX
BD	8 8 4 1 6 6	3/96	Japan			XX

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

BD	M. Takada, "Transmission Performance Depending on OFDM Symbol Duration and Scattered Pilot for Digital Terrestrial Broadcasting", The Institute of Image Information and Television Engineers, vol. 52, No. 11, pp. 1685-1665, 1998.

EXAMINER

*BD*

DATE CONSIDERED

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(Form PTO-1449 [6-4])

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT
						YES NO
BD	5 9 1 2 2 1 5 8	7/84	Japan			XX
BD	9 9 6 5 1 7 3	12/99	PCT			XX
BD	0 9 5 1 1 5 1	10/99	European			

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

BD	Y. Murakami, et al "A New Design of Pilot Symbol in 16QAM Channels", IEEE 51 <sup>st</sup> Vehicular Technology Conference Proceedings, Tokyo, Japan, vol. 3 of 3, Conf. 51, May 15, 2000, pp. 2064-2068.
BD	"Digital Video Broadcasting (DVB)", European Standard (Telecommunication Series), ETSI EN 300 744, March 1997, pp. 25-34.

EXAMINER

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